

RADAR

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ABSTRACT OF THE DISCLOSURE

10 A radar suppresses a dc component so as to improve
the precision in processing a signal that belongs to a
low-frequency band. The radar comprises a mixer that
mixes a transmitted signal and a received signal, and an
A/D converter that analog-to-digital converts an output
signal of the mixer. The radar further includes: a
removing unit that removes a dc voltage component by
15 subtracting a predetermined removal voltage value from
output data of the A/D converter; and an analyzing unit
that Fourier-transforms data, which has the dc voltage
component removed therefrom by the removing unit, so as
to analyze the data.